

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P887952

Luminaire Tested: **TT-D6-735-U-CQ-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887952
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-3)
Test Lab: INNOVATION CENTER
Issue Date: 10/9/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TT-D6-735-U-CQ-TC
Description: CQ
3500K, 70 CRI LEDS, CONCENTRATED DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10682 lumens
Efficiency: N/A
Efficacy: 101.5 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

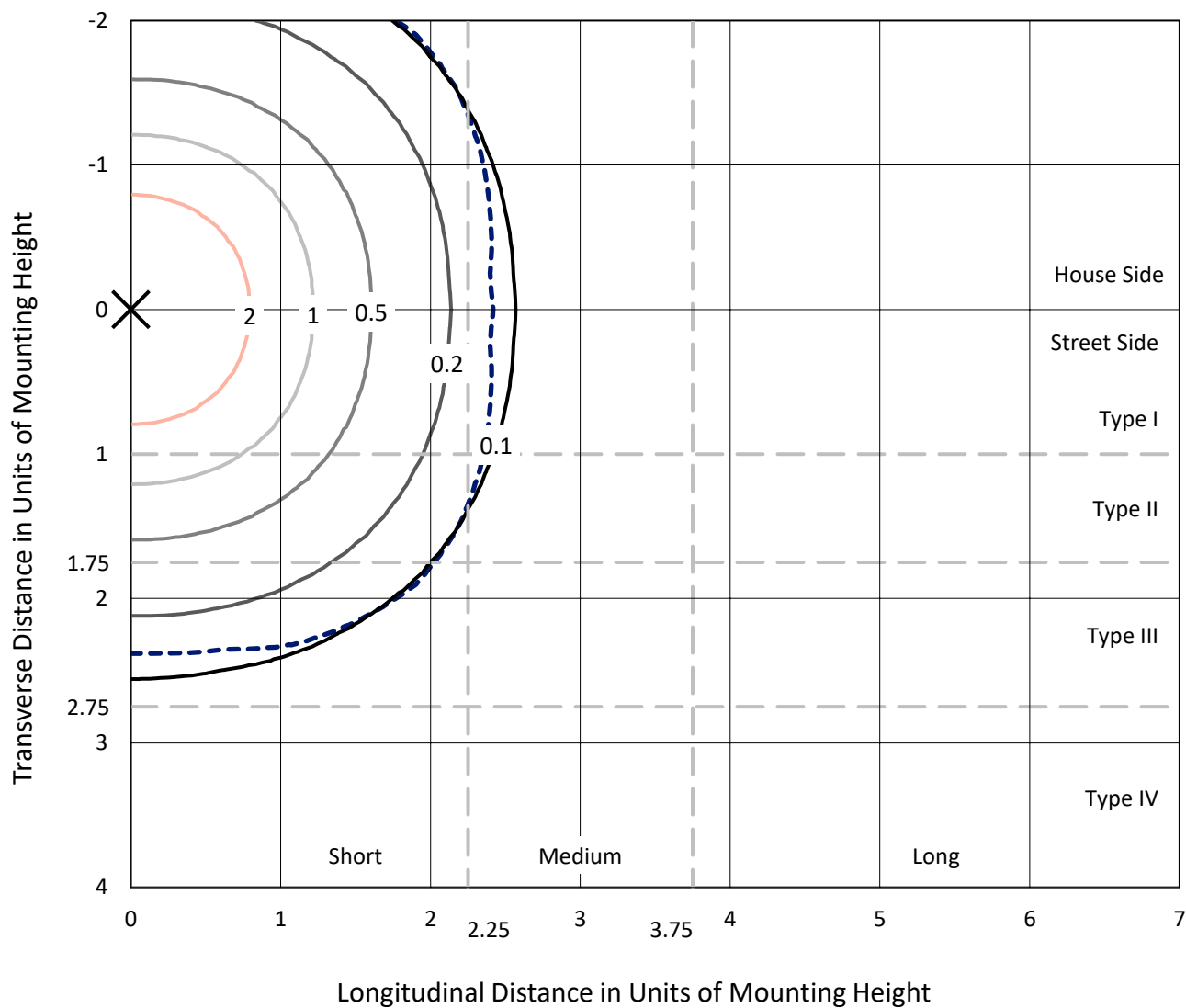
Input Watts (W): 105.2
Input Voltage (V): 120.0
Input Current (Ain): 0.88
Voltage Rise (V): NR
Power Factor: 0.995
Total Harmonic Distortion (THDi): 9.70%
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

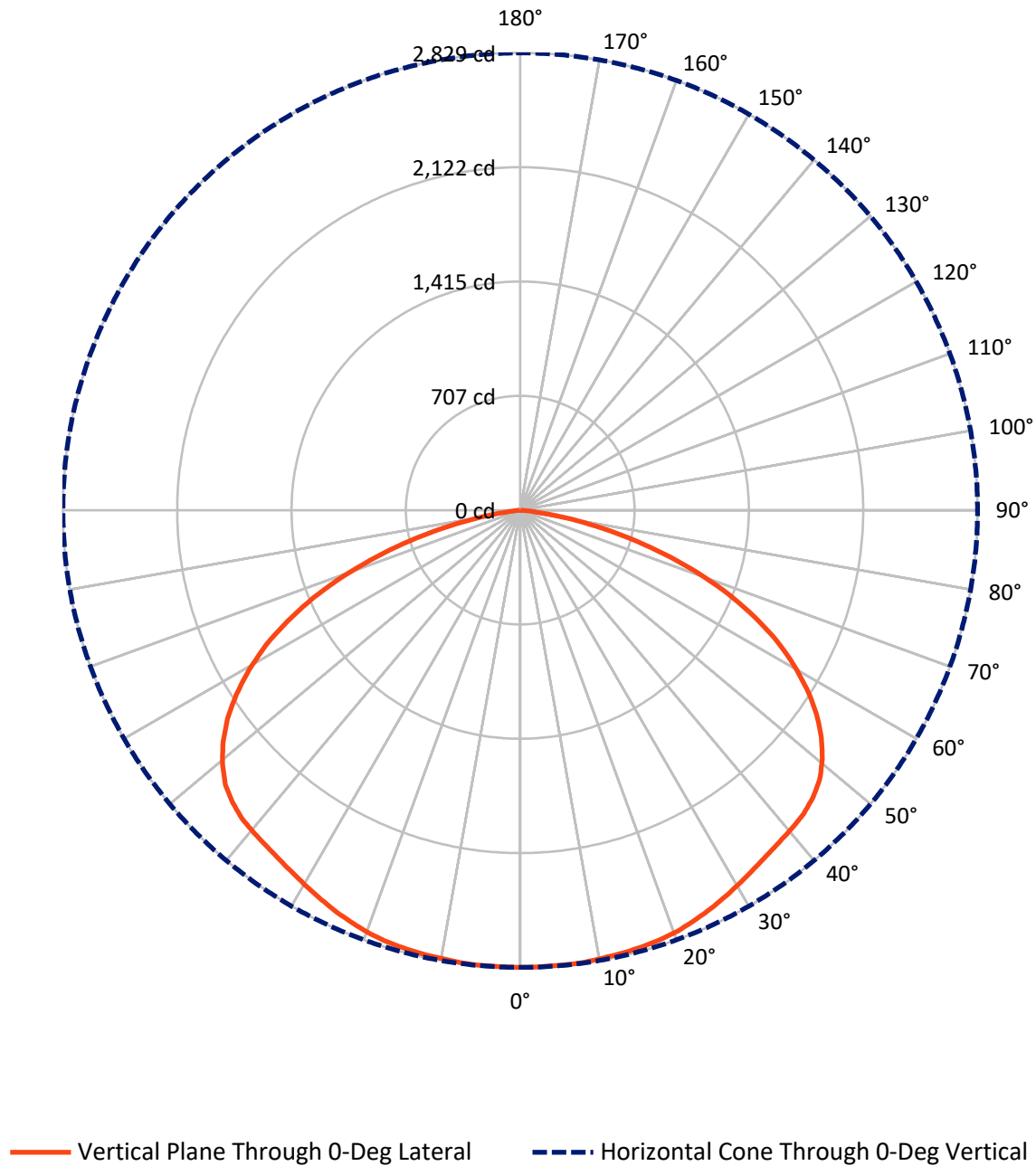
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.5 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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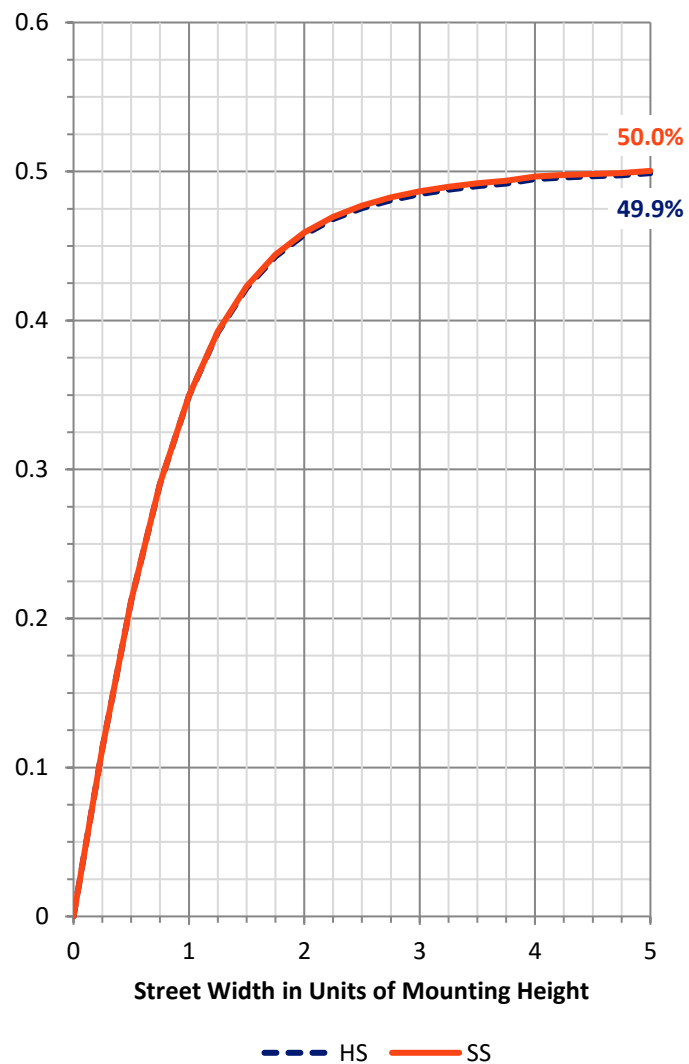
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5341.0	0.0	5341.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5341.0	0.0	5341.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	10682.0	0.0	10682.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	269.6	2.5
10°-20°	794.3	7.4
20°-30°	1265.9	11.9
30°-40°	1663.4	15.6
40°-50°	2004.3	18.8
50°-60°	2090.6	19.6
60°-70°	1691.5	15.8
70°-80°	819.9	7.7
80°-90°	82.4	0.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	10682.0	100.0
0°-180°	10682.0	100.0

Coefficient of Utilization



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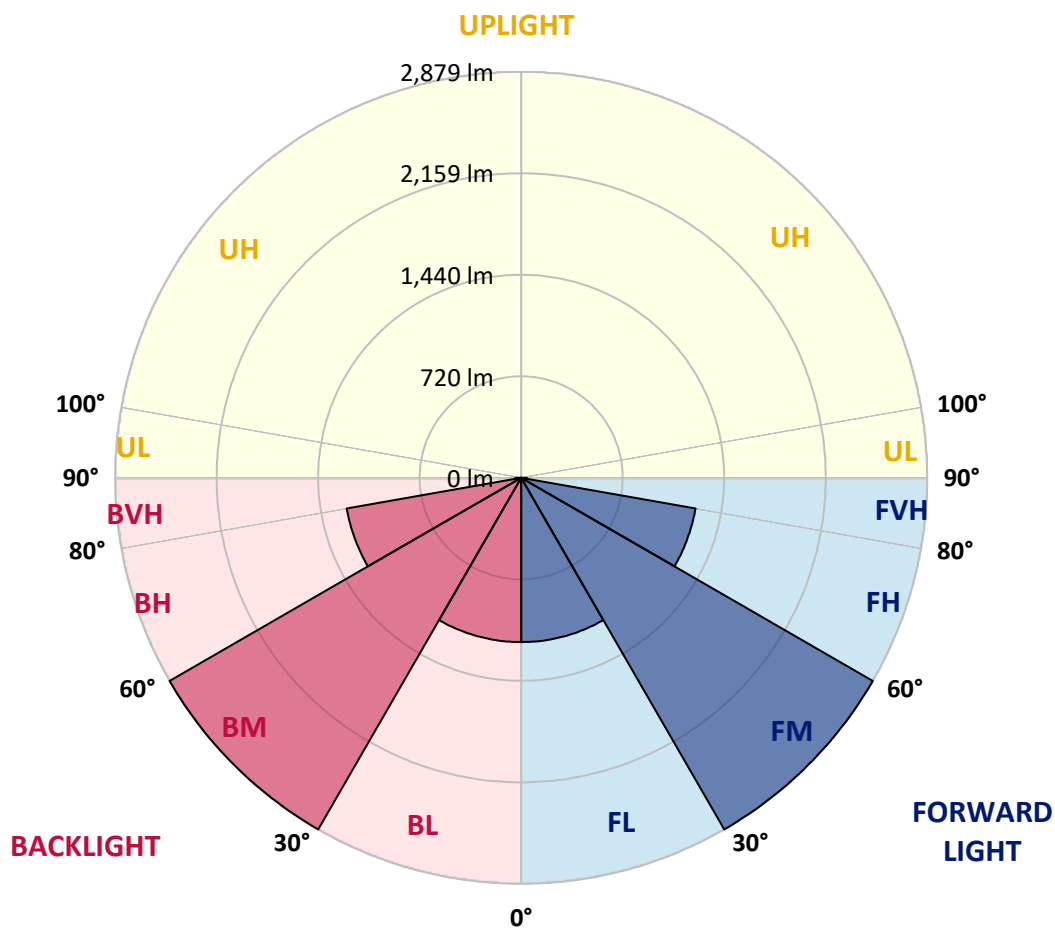
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1164.9	10.9			
FM	(30°-60°)	2879.1	27.0			
FH	(60°-80°)	1255.7	11.8			G1/1800
FVH	(80°-90°)	41.2	0.4			G1/100
BL	(0°-30°)	1164.9	10.9	B3/2500		
BM	(30°-60°)	2879.1	27.0	B3/5000		
BH	(60°-80°)	1255.7	11.8	B3/2500		G1/1800
BVH	(80°-90°)	41.2	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2829.4	2829.4	2829.4	2829.4	2829.4	2829.4	2829.4	2829.4	2829.4	2829.4	2829.4
2.5°	2827.6	2827.6	2827.6	2825.7	2825.7	2825.7	2825.7	2827.6	2827.6	2827.6	2827.6
5°	2827.6	2827.6	2827.6	2827.6	2825.7	2825.7	2825.7	2827.6	2827.6	2827.6	2827.6
7.5°	2825.7	2825.7	2825.7	2823.8	2823.8	2823.8	2823.8	2823.8	2823.8	2823.8	2823.8
10°	2818.2	2818.2	2820.1	2818.2	2818.2	2818.2	2818.2	2820.1	2818.2	2818.2	2818.2
12.5°	2812.6	2812.6	2812.6	2812.6	2810.7	2812.6	2810.7	2810.7	2810.7	2810.7	2810.7
15°	2805.1	2807.0	2805.1	2805.1	2807.0	2807.0	2805.1	2805.1	2803.3	2803.3	2803.3
17.5°	2795.8	2795.8	2797.6	2797.6	2799.5	2799.5	2797.6	2797.6	2795.8	2793.9	2793.9
20°	2780.8	2782.7	2782.7	2784.6	2786.4	2788.3	2786.4	2784.6	2782.7	2780.8	2779.0
22.5°	2758.4	2760.3	2762.1	2765.9	2767.7	2769.6	2765.9	2764.0	2762.1	2760.3	2760.3
25°	2734.1	2736.0	2737.8	2741.6	2743.5	2745.3	2743.5	2739.7	2737.8	2736.0	2736.0
27.5°	2706.1	2707.9	2709.8	2715.4	2717.3	2719.2	2715.4	2711.7	2707.9	2706.1	2706.1
30°	2678.0	2679.9	2683.6	2689.3	2694.9	2696.7	2689.3	2685.5	2679.9	2676.2	2676.2
32.5°	2650.0	2651.9	2655.6	2666.8	2672.4	2674.3	2670.6	2663.1	2653.7	2648.1	2646.3
35°	2625.7	2629.5	2636.9	2650.0	2657.5	2661.2	2657.5	2646.3	2633.2	2623.8	2623.8
37.5°	2605.2	2610.8	2622.0	2640.7	2655.6	2659.4	2653.7	2638.8	2620.1	2607.0	2605.2
40°	2588.3	2593.9	2610.8	2635.1	2655.6	2661.2	2653.7	2633.2	2608.9	2592.1	2588.3
42.5°	2569.7	2575.3	2597.7	2627.6	2651.9	2661.2	2651.9	2625.7	2593.9	2571.5	2569.7
45°	2537.9	2545.4	2571.5	2610.8	2640.7	2651.9	2640.7	2610.8	2571.5	2545.4	2543.5
47.5°	2493.0	2500.5	2530.4	2580.9	2616.4	2633.2	2622.0	2586.5	2543.5	2509.8	2506.1
50°	2422.0	2435.1	2466.9	2528.5	2569.7	2593.9	2584.6	2545.4	2494.9	2459.4	2455.7
52.5°	2332.3	2345.4	2384.6	2453.8	2500.5	2532.3	2522.9	2479.9	2427.6	2382.8	2380.9
55°	2223.9	2238.9	2280.0	2360.3	2412.7	2448.2	2437.0	2386.5	2328.6	2278.1	2276.2
57.5°	2093.1	2111.8	2156.6	2240.7	2300.5	2341.7	2324.8	2272.5	2205.2	2147.3	2149.2
60°	1945.5	1966.0	2012.7	2100.6	2164.1	2203.4	2188.4	2130.5	2059.5	1997.8	1999.7
62.5°	1782.9	1796.0	1842.7	1934.2	1997.8	2042.6	2020.2	1960.4	1887.5	1824.0	1833.3
65°	1592.2	1605.3	1650.2	1741.8	1801.6	1846.4	1824.0	1762.3	1687.6	1620.3	1635.2
67.5°	1392.3	1396.0	1429.7	1525.0	1581.0	1624.0	1599.7	1539.9	1468.9	1407.2	1418.4
70°	1168.0	1164.3	1199.8	1287.6	1336.2	1375.5	1351.2	1295.1	1231.6	1173.6	1184.8
72.5°	934.4	930.7	958.7	1039.1	1070.8	1115.7	1093.3	1040.9	990.5	932.5	943.8
75°	704.6	697.1	721.4	788.6	814.8	854.1	833.5	786.8	745.7	693.3	706.4
77.5°	480.3	474.7	493.4	549.4	566.3	605.5	577.5	545.7	512.1	459.7	478.4
80°	276.6	271.0	282.2	328.9	340.1	366.3	347.6	323.3	297.1	261.6	272.9
82.5°	102.8	106.5	112.1	142.0	153.2	177.5	158.9	140.2	121.5	99.0	106.5
85°	7.5	7.5	7.5	11.2	15.0	24.3	16.8	13.1	9.3	5.6	9.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)